

TRI FORM R REPORTS

As a result of the TRI Reporting Forms Modification Rule, beginning in reporting year 2005, the Toxics Release Inventory Program is no longer collecting latitude and longitude data or EPA program ID data (including Resource Conservation and Recovery Act (RCRA) IDs, National Pollutant Discharge Elimination System (NPDES) IDs and Underground Injection Code (UIC) IDs) via the FORM R or FORM A Certification Statement. However, this data will still be made available to TRI data users and will be included in TRI data Reports. For those Reports, this data will be obtained from the Facility Registry System (FRS). Latitude and longitude coordinates used to represent TRI facilities are chosen from the FRS using the "Pick Best" Process. Primary permitting systems supply FRS with the program IDs that are used to represent TRI facilities. The FRS data that are being used to represent this facility are:

Reference Point/Description	Latitude	Longitude	Collection Method	Accuracy Value
N/A	N/A	N/A		30

RCRA ID Numbers

NO DATA

NPDES Permit Numbers

NO DATA

Underground Injection Well Code (UIC) ID Numbers


NO DATA

To correct the FRS latitude, longitude or program ID values click on the "Report an Error" button in the top right corner of this page. Facilities wishing to correct other data elements with the FORM R or FORM A should refer to How to Revise TRI Data.

For more information, see Collection of Latitude, Longitude and Program ID Data Has Been Discontinued.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1314212692406

 Facility Registry System ID: 110040612717

Section 1. Reporting Year

Reporting Year: 2014

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

<u>CERTIFYING OFFICIAL'S NAME</u>	<u>CERTIFYING OFFICIAL'S TITLE</u>	<u>CERTIFYING OFFICIAL'S SIGNATURE</u>	<u>DATE SIGNED</u>
KRISTEN MARIUZZA	MANAGER - ENVIRONMENT, HEALTH & SAFETY	Electronic	25-JUN-15

Section 4. Facility Identification

TRI Facility ID: 4981WGLMNL4547C

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>	<u>ZIP CODE</u>
EAGLE MINE LLC- HUMBOLDT MILL	4547 COUNTY RD 601	CHAMPION	MARQUETTE	MI	49814

BIA Tribal Code Tribe
NO DATA NO DATA

Mailing Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>STATE</u>	<u>ZIP CODE</u>
EAGLE MINE LLC-HUMBOLDT MILL	4547 COUNTY RD 601	CHAMPION	MI	49814

<u>PROVINCE</u>	<u>COUNTRY (NON - US)</u>
NO DATA	NO DATA

4.2 Facility Classification

<u>ENTIRE FACILITY</u>	<u>PARTIAL FACILITY</u>	<u>FEDERAL FACILITY</u>	<u>GOCO FACILITY</u>
YES	NO	NO	NO

4.3 Technical Contact

<u>NAME</u>	<u>PHONE</u>	<u>PHONE EXT.</u>	<u>EMAIL</u>
AMANDA ZEIDLER	9063397000		AMANDA.ZEIDLER@LUNDINMINING.COM

4.4 Public Contact

NAME	PHONE	EMAIL
KRISTEN MARIUZZA	9063397000	KRISTEN.MARIUZZA@LUNDINMINING.COM

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
212234	YES	Copper Ore and Nickel Ore Mining

4.7 Dun & Bradstreet Numbers

DUNS NUMBER
NA

5 Parent Company Information

Parent Company Name: No US Parent Company

Parent Company DUNS Number:

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212692406

Section 1. Toxic Chemical Identity

1.1 CAS Number: N100

1.2 Toxic Chemical or Chemical Category Name: COPPER COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO Import: NO On-Site Use/Processing: NO

Sale/Distribution: NO Byproduct: NO Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO Formulation Component: NO Article Component: NO Repackaging: NO Impurity: NO

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO Manufacturing Aid: NO Ancillary or Other Use: YES

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000000 to 9999999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite**5.1 Fugitive or Non-Point Air Emissions**

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	2	Pounds	E1 - Emission Factor, Published

5.2 Stack or Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	7	Pounds	E1 - Emission Factor, Published

5.3 Discharges to Receiving Streams or Water Bodies

NA	STREAM/WATER BODY NAME	REACH Code	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
NO	MIDDLE BRANCH ESCANABA RIVER	04030110000336	0	Pounds	M2 - Monitoring, Periodic/Random	

5.4-5.5 Disposal to Land Onsite**5.4.1 Underground Injection Onsite to Class I Wells.**

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite**5.5.1A RCRA Subtitle C Landfills**

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE

YES		
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5.5.1B Other Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	560000	Pounds	C - Mass Balance Calculations

5.5.4 Other Disposal

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	500	Pounds	O - Other Approaches

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

0- POTW NAME: NO DATA	ADDRESS: NO DATA
CITY: NO DATA	STATE: NO DATA
COUNTY: NO DATA	ZIP CODE: NO DATA

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

6.2 Transfers to other Off-Site Locations

6.2.1 RCRA Number: NA

Name: MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY

City: MARQUETTE

County: MARQUETTE

Parent Company Controlled:
NO

Address: 600 COUNTY ROAD
NP

State: MI

Zip Code: 49855

Country Code (Non - US):

Province:

<u>TOTAL TRANSFERS</u> (per year)	<u>UNIT OF MEASURE</u>	<u>BASIS OF ESTIMATE</u>	<u>WASTE MANAGEMENT TYPE</u>
5	Pounds	M2 - Monitoring, Periodic/Random	M64 - Other Landfills
			P91 - Other Landfills

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: GASEOUS

<u>7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE</u>
1 A06 - MECHANICAL SEPARATION

7A.1d. Waste Treatment Efficiency Estimate: Greater than 99% but less than or equal to 99.99%

7A.2a. Waste Stream: GASEOUS

<u>7A.2b. WASTE TREATMENT METHOD(S) SEQUENCE</u>
1 A07 - OTHER AIR EMISSION TREATMENT

7A.2d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

7A.3a. Waste Stream: WASTEWATER

<u>7A.3b. WASTE TREATMENT METHOD(S) SEQUENCE</u>
1 H071 - Chemical reduction with or without precipitation
2 H123 - Settling or clarification
3 H101 - Sludge treatment and/or dewatering
4 H129 - Other treatment

7A.3d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

Section 7B. On-Site Energy Recovery Processes

<u>ON SITE ENERGY RECOVERY PROCESSES</u>
NA

Section 7C. On-Site Recycling Processes

<u>ON SITE RECYCLING PROCESSES</u>
NA

Section 8. Source Reduction and Recycling Activities

				<u>CURRENT</u>		<u>SECOND</u>
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SECTION	TYPE OF QUANTITY	UNITS	PRIOR YEAR	REPORTING YEAR	FOLLOWING YEAR	FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	NA	560509	1150000	1150000
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	NA	5	10	10
8.1d	Total other off-site disposal or other releases		NA	NA	NA	NA
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio ☐ or Activity Ratio ☒ :

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3	ESTIMATED ANNUAL REDUCTION
NA				

8.11 Additional Data Indicator: NO

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

NPYF	No Prior Reporting Year Form DQA comment	This was the first year of production at the facility, therefore no previous reporting was required.
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Last updated on Wednesday, November 4th, 2015
http://ofmint.rtpnc.epa.gov/enviro/tri_formr_partone.get_thisone